

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
18 January 2001 (18.01.2001)

PCT

(10) International Publication Number
WO 01/03623 A1(51) International Patent Classification⁷: A61F 11/14, A42B 3/16

(74) Agents: WALLENGREN, Yngvar et al.; Patentbyrån Y Wallengren AB, Box 116, S-331 21 Värnamo (SE).

(21) International Application Number: PCT/SE00/01248

(81) Designated States (national): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DE (utility model), DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(22) International Filing Date: 15 June 2000 (15.06.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
9902643-7 8 July 1999 (08.07.1999) SE(71) Applicant (for all designated States except US): PELTOR
AB [SE/SE]; Box 2341, S-331 02 Värnamo (SE).

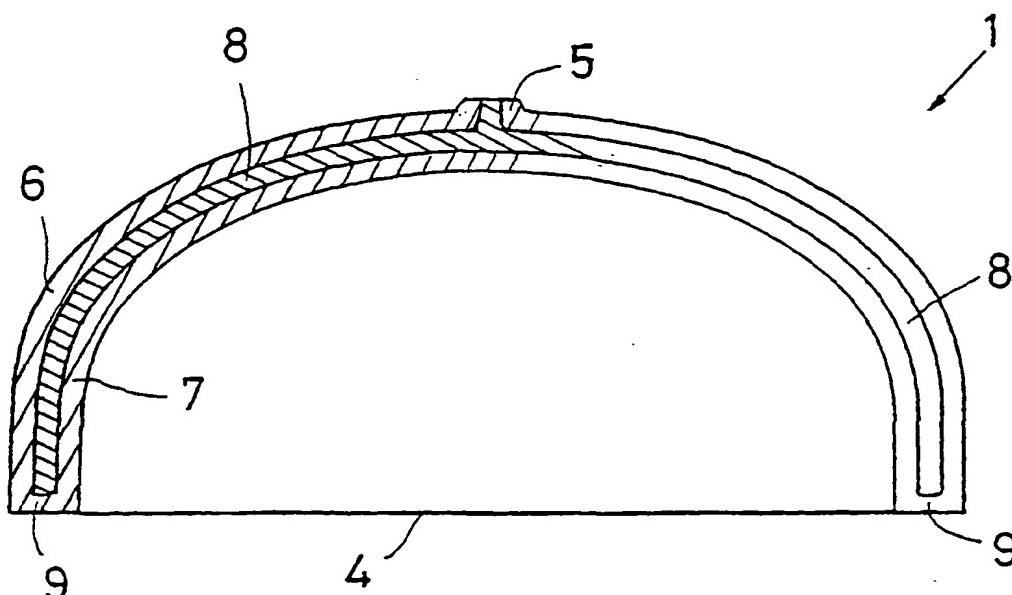
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— With international search report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A METHOD OF PRODUCING A HOOD, AND A HOOD PRODUCED ACCORDING TO THE METHOD

**WO 01/03623 A1**

(57) Abstract: The disclosure relates to a method of producing a hood for a hearing protector by injection moulding of plastic material. The hood (1) is injection moulded to a single contiguous piece employing at least two plastic materials possessing different properties in at least one respect. The plastic materials may be both homogeneous and in porous or foamed form. A hood (1) for a hearing protector is produced from plastic by injection moulding. The hood (1) includes at least two portions or layers (6, 7, 8; 10, 11; 13, 14) which are united to one another. The portions or layers (6, 7, 8; 10, 11; 13, 14) consist of plastic materials with different properties in at least one respect.